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सं० 25] नई दिल्ली, शनिवार, जून 20, 1981 (ज्येष्ठ 30, 1903)

No. 25] NEW DELHI, SATURDAY, JUNE 20, 1981 (JYAISTHA 30, 1903)

इस भाग में भिन्न पृष्ठ संख्या वी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके।
Separate paging is given to this Part in order that it may be filed as a separate compilation

भाग III—खण्ड 2

PART III—SECTION 2

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बंधित अधिसूचनाएं और नोटिस

[Notifications and Notices issued by the Patent Office relating to Patents and Designs]

THE PATENT OFFICE
PATENTS AND DESIGNS.
Calcutta, the 20th June 1981.

CORRIGENDA

(1)

In the Gazette of India, Part III, Section 2 dated the 30th June, 1979 in Page 401 Column 2 under the heading "PATENTS SEALED" delete 144503.

(2)

In the Gazette of India, Part III, Section 2 dated the 28th March, 1981 under the heading "PATENTS SEALED" delete 147240.

(3)

In the Gazette of India Part III, Sec. 2 dated the 9th May, 1981 under heading "PATENTS SEALED" delete 147666.

APPLICATION FOR PATENTS FILED AT THE HEAD OFFICE, 214, ACHARYA JAGADISH BOSE ROAD, CALCUTTA-700 017.

The dates shown in crescent brackets are the dates claimed under Section 135, of the Act.

14th May, 1981

508/Cal/81. Westinghouse Electric Corporation. Control for var generator.

509/Cal/81. Siemens Aktiengesellschaft. A control device for use in controlling a two-way-rectifier.

510/Cal/81. Wavin B. V. Toilet Pan.

511/Cal/81. Interox Chemicals Limited. Production of alkali metal or alkaline earth metal peroxides. (May 15, 1980).

512/Cal/81. Pharmindustrie. Heparin esters and processes for their preparation.

513/Cal/81. Pharmindustrie. New sulphated polysaccharides, processes for their preparation and their use as medicaments.

15th May, 1981

514/Cal/81. Birendra Nath Chowdhury. High Frequency Exhaust Breather.

515/Cal/81. Experimentalny Zavod Biokhimicheskikh Preparator. Method of preparing seeding material for production of citric acid.

516/Cal/81. Stolping Aktiengesellschaft. Turnable slide lock for metallurgical crucibles, ladles and like vehicles.

517/Cal/81. Jadavpur University. A process for production of soft to semirigid foams containing castor oil based polyols and toluene diisocyanate and other foaming ingredients.

518/Cal/81. Snamprogetti S.p.A. Process for the production of a mixture of methanol and higher alcohols of fuel grade.

519/Cal/81. Snamprogetti S.p.A. Process for the production of a fuel grade mixture of methanol and higher alcohols.

520/Cal/81. Snamprogetti S.p.A. Device for Distributing a liquid in thin film form in vertical heat-exchangers.

521/Cal/81. Energy Conversion Devices, Inc. A method of making p-doped silicon films and more efficiently p-doped films and devices made therefrom.

522/Cal/81. The B. F. Goodrich Company. Process for preparing spherical and porous vinyl resin particles.

523/Cal/81. The B. F. Goodrich Company. Process for producing spherical and porous vinyl resin particles.

16th May, 1981

524/Cal/81. Lonza Ltd. A process for the preparation of 3-picoline.

525/Cal/81. Metal Box Limited. Container for Packaging Foodstuffs.

526/Cal/81. Research & Development Centre for Iron & Steel, Steel Authority of India Ltd. Improved process for the production of steel in bof.

527/Cal/81. Hoechst Aktiengesellschaft. Water-Soluble Colored compounds, processes for the manufacture thereof, and their use as dyes.

528/Cal/81. Hoechst Aktiengesellschaft. Process for dyeing and printing fibre materials containing hydroxy and/or carbonamide groups.

19th May, 1981

529/Cal/81. Haldor Topsoe A/S. A method for carrying out exothermal catalytic gas phase reactions.

530/Cal/81. Wistra GMBH Thermoprozesstechnik. Process and apparatus for igniting a sinter mix.

531/Cal/81. Almalykxy Gorno-Metallurgichesky Kombinat. Pigment for colour changing heat indicator.

532/Cal/81. Siemens Aktiengesellschaft. A process for direct current braking a three-phase induction machine, and a circuit arrangement to carry out the process.

20th May, 1981

533/Cal/81. Institut Vysokikh Temperature Akademi Nauk USSR. Apparatus for pressing products from pulverulent materials.

534/Cal/81. Societe Cem-Compagnie Electro-Mecanique & Cie-S.N.C. Process and a device for control of the electrical braking, for a direct-current motor.

535/Cal/81. Societe Cem-Compagnie Electro-Mecanique & Cie-S.N.C. Direct-Current Electric Traction Device.

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on Form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, give notice to the Controller of Patents on the prescribed Form 15, of such opposition. The written statement of opposition should be filed along with the said notice or within one month of its date as prescribed in Rule 36 of the Patents Rules, 1972.

"The classifications given below in respect of each specification are according to Indian Classification and International Classification."

A limited number of printed copies of the specifications listed below will be available for sale from the Government

of India Book Depot, 8, Kiran Sankar Roy Road, Calcutta, in due course. The price of each specification is Rs. 2/- (postage extra if sent out of India). Requisition for the supply of the printed specifications should be accompanied by the number of the specifications as shown in the following list.

Typed or photo copies of the specifications together with photo copies of the drawings, if any, can be supplied by the Patent Office, Calcutta on payment of the prescribed copying charges which may be ascertained on application to that office.

CLASS : 135, 160 A+B

148798

Int. Cl. : B 62 c 1/00, 5/00.

IMPROVEMENTS MADE IN OR RELATING TO A CART DRAWN BY ANIMALS.

Applicant & Inventor : SHRIKRISHNA RAMKRISHNA SALVI, RAJABAHADUR MANSION, 1 FLOOR, 20 HAMAM STREET, FORT, BOMBAY-400 023, MAHARASHTRA, INDIA.

Application No. 128/BOM/77, filed April 4, 1977.

Complete specification left on 1-7-1978.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Bombay Branch.

9 Claims

1. A cart to be drawn by animals comprising a yoke consisting of atleast one longitudinal member connecting the cart to an animal connector, the animal connector being a transverse member rigidly connected to the said longitudinal member one or more flexible rings being connected to the said transverse member, the said rings being adapted to fit at the neck and or the back of the animal drawing the cart the said cart further comprising a carriage member, for a sitting passenger or loading and a wheel member connected to the said carriage member by means of axle.

Privisional specn.—7 pages

drawing nil

Complete specn.—9 pages

drawing—1 sheet

CLASS : 14D2 + 70B

148799

Int. Cl. : Bolk—3/02.

SILICON CARBIDE — VALVE METAL BORIDES — CARBON ANODES.

Applicants : DIAMOND SHAMROCK TECHNOLOGIES S.A., 3 PLACE ISSAC MERCEER GENEVA, SWITZERLAND.

Inventors : (1) VITTORIO DENORA (2) ANTONIO NIDOLA (3) PLACIDO MARIA SPAZINTE.

Application No. 345/BOM/1977, filed Dec. 13, 1977.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Bombay Branch.

4 Claims

A sintered anode comprising essentially of 40 to 90% by weight of atleast one valve metal boride selected from the group consisting of titanium, tantalum, zirconium, aluminium hafnium, niobium, tungsten, yttrium, molybdenum and vanadium, 5 to 40% by weight of silicon carbide and 5 to 40% by weight of carbon as grafite.

Complete Specification—16 pages Drawing—1 sheet,

CLASS : 175 H 148800

Int. Cl. : F02 f 3/12.

INSULATED COMPOSITE PISTON FOR INTERNAL COMBUSTION ENGINES.

Applicant : CUMMINS ENGINE COMPANY INC., 1000 FIFTH STREET COLUMBUS, INDIANA-47201, U.S.A.

Inventors : 1. JOHN HENRY STANG,
2. KENNETH ARTHUR JOHNSON.

Application No. 92/BOM/78, filed Mar 30, 1978.

Complete specn. left Feb. 27, 1979.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Bombay Branch.

15 Claims

1. An insulated composite piston for internal combustion engines, said piston comprising a crown portion of heat resistant material, said crown portion having a circular periphery, a piston body having a circular periphery, said crown portion and said piston body having opposed planar surfaces, and a plurality of stacked discs having a relatively low heat conductivity planar interface between adjacent discs and positioned between the opposed planar surfaces of said crown and piston body for forming a low effective thermal conductivity interface, the planar surface of said crown extending radially outwards at least as far as the periphery of said discs, and means for fastening said crown portion to said piston body through the discs whereby the temperature gradient across said crown is minimized.

Prov. specn.—8 pages

Drg.—1 sheet

Comp. specn.—11 pages

Drg.—nil

CLASS : 119-A 148801

Int. Cl. : D03d 51/34.

WEFT EXHAUST STOP MOTION DEVICE.

Applicant : AHMEDABAD TEXTILE INDUSTRY'S RESEARCH ASSOCIATION, P.O. POLYTECHNIC, AHMEDABAD-380 015, GUJARAT, INDIA.

Inventor : (1) ARVINDKUMAR GANDALAL SHAH, (2) DATTULAL C. WANI, P.O. POLYTECHNIC, AHMEDABAD-380 015, GUJARAT, INDIA.

Application No. 93/BOM/1978, filed March 31, 1978.

Complete after provisional left on March 17, 1979.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Bombay Branch.

6 Claims

A weft exhaust stop motion device for a non-automatic overpick loom, which comprises, in combination, a spring-biased feeler wire, which is so disposed in relation to a shuttle box, located at one side of the loom, that the free end of said feeler wire is adapted to contact a bobbin or pinc carrying a weft package in a shuttle in the event of the shuttle remaining stationary in the said shuttle box at the end of its travel to said one side of the loom; a transmission rod one end of which is operatively connected with said feeler wire; and a mechanism for amplifying the movement of the transmission rod, caused due to the movement of the feeler wire, said mechanism operatively connecting the other end of said transmission rod and the free end of a weft fork lever, the arrangement being such that the free end of said feeler wire is adapted to slide and ride slide and ride over the tapered surface of the stem of the bobbin

or pinc and is thereby caused to be tilted in absence of weft yarn on the bobbin or pinc, that is, when the weft yarn is exhausted, but not otherwise, and said tilting movement of the feeler wire causes movement of the transmission rod which movement is amplified and transmitted by means of said mechanism, to said weft fork lever for actuation thereof, and consequently to bring the same and the starting handle of the loom to their off positions and also to actuate the brake lever of the loom.

Prov. Specn.—5 Pages.

Drg.—1 sheet

Comp. Specn.—11 Pages

Drg.—2 sheets

CLASS : 119 F3 + 119 F4.

148802

Int. Cl. : D 03/d 49/00.

AN IMPROVED SHUTTLE CHECKING DEVICE FOR LOOMS.

Applicant : AHMEDABAD TEXTILE INDUSTRY'S RESEARCH ASSOCIATION, AHMEDABAD, INDIA.

Inventors : 1. CHITHATHOOR GOPALAN VENKATARAMAN, and 2. PRADYUMANSINH BALVIRSINH JHALA.

Application No. 94/BOM/1978, filed on March 31, 1978.
Patent of Addition to 144907.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Bombay Branch.

4 Claims

Modification of or improvement in or relating to a shuttle checking device for a loom as claimed in claim 1 of Indian Patent No. 144907 in which the said leather faced metal strip is laterally spring-loaded on its rear wall at a plurality of zones.

Comp. Specn.—9 Pages.

Drg.—2 Sheets.

CLASS : 88 C.

148803

Int. Cl. : F 17 b 1/00.

AN IMPROVED GAS HOLDER IN GAS PLANTS.

Applicant : KHADI & VILLAGE INDUSTRIES COMMISSION GOBAR GAS RESEARCH & DEVELOPMENT CENTRE, KORA GRAMODYOG KENDRA, BORIVLI, BOMBAY-400 092, MAHARASHTRA, INDIA.

Inventor : SHRI GUNAVANT LAXMAN PATANKAR.

Application No. 125/BOM/1979, filed May 4, 1979.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Bombay Branch.

4 Claims

An improved gas holder in gas plants consisting of an inverted dome suspended and slidably mounted within the digester on one or more rods or pipes and provided with a trough on its top for providing additional weight over the dome.

Comp. Specn.—5 Pages.

Drg.—3 Sheets

CLASS : 69 G + J

148804

Int. Cl. : H 01 h 13/00.

A NOVEL INTERLOCKING MOULDED STRIP FOR PUSH BUTTON SWITCH CONSTRUCTION FOR GANG-ED MOULDER SWITCH.

Applicant & Inventor : PRAFULVADAN RATILAL MEHTA, SAKI VIHAR ROAD, B. D. JOSHI MARG, POWAI BOMBAY-400 072, MAHARASHTRA, INDIA.

Application No. 148/BOM/78, filed May 12, 1978.

Complete specification left on 13th Aug., 1979.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Bombay Branch.

13 Claims

1. An interlocking strip for ganged push button switch construction assembly comprises a combination of :—

- (i) a rectangular shaped strip/bar.
- (ii) said strip bar has suitably formed extension latch having a bearing face which registers and co-acts with a switch slider cam for locking or unlocking slider of push button switch.
- (iii) said rectangular strip/bar has at its each longitudinal end one male/female coupling element so that each end is capable of registering with corresponding other end of another similar strip to couple together any number of similar strips into a single continuous strip of desired length suitable for ganged switch assembly of any desired number of stations.

Povn. specn.—6 pages Drg.—1 sheet

Comp. specn.—21 pages Drg.—4 sheets.

CLASS : 32 F1 + 32 F 3d. 148805

Int. Cl. : C 07 b-27/00, C 07 c-39/00, 49/00.

A PROCESS FOR THE PREPARATION OF ACYL-BENZ [e] HYDRINDANES.

Applicants : SARABHAI RESEARCH CENTRE, WADI WADI BARODA, GUJARAT STATE, INDIA.

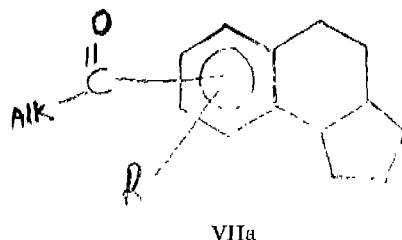
Inventors : 1. SASAN MALEK, 2. KALFEKKAL MADHAVAN RADHAKRISHNA PILLAI, 3. KISHAN LAL MUNSHI, 4. DINESHCANDRA GORDHANDAS DESAI, 5. ARIYANANYAGIPURAM VISVANATHAN RADHAKRISHNAN, 6. CHANDRAKANT GOVINDRAO BHOSLE, 7. NARUMANCHI SIVARAMAKRISHNA, 8. SHASHIKANT HARILAL PARIKH, 9. GOPAL PRASAD DAS, and 10. DYARA KRISHEN GROVER.

Application No. 267/BOM/1978, with Comp. Spenc. filed September 7, 1978.

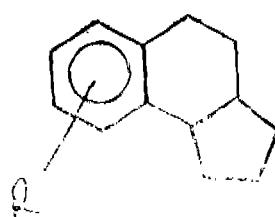
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Bombay Branch.

3 Claims

A process for the preparation of the compounds of formula VIIa.



wherein R is hydrogen, alkyl, alkoxy, hydroxy, halogen or halogenoalkyl which comprises subjecting the compound of formula IV.



IV

wherein R is as defined before to a reaction with an acid chloride or acid anhydride in the presence of a Lewis acid like aluminium chloride.

Comp. Specn.—10 pages

Drg.—1 sheet.

CLASS : 148/ B+C-II

148806

Int. Cl. : G03 b 21/00, 35/00.

IMPROVEMENTS IN OR RELATING TO PROJECTOR FOR CONVERTING IMAGES OBTAINED FROM ORDINARY TWO DIMENSIONAL MOVING FILMS TO TWO IMAGES HAVING STEREOSCOPIC OR THREE DIMENSIONAL EFFECT.

Applicant & Inventor : ARVIND SHAMRAO NADGAUDA, PLOT NO. 161/A/3, MODIBAUG, GANESH-KHIND ROAD, PUNE-411 006, MAHARASHTRA, INDIA.

Application No. 290/BOM/79, filed September 28, 1978.

Complete specification left on March 27, 1979.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Bombay Branch.

6 Claims

1. A projector for converting images obtained from ordinary two dimensional moving films to produce stereoscopic and three dimensional effect comprising (i) a shutter plate having a central aperture consisting of atleast two openings separated by a bar said openings corresponding to two or more frames of the films passing over the shutter plate; (ii) a light source placed behind the shutter plates illuminating the film frame resting over the aperture in the shutter plate; (iii) a lenses combination pressed over the shutter plate transmitting the images to a screen; (iv) means for aligning the two or more images so obtained on the screen.

Povn. specn.—4 pages

Drg.—1 sheet.

Comp. specn.—11 pages

Drg.—2 sheets.

CLASS : 154 C + D.

148807

Int. Cl. : B 41 c-1/00, 3/00 +. G 09 f-7/00.

A PROCESS FOR THE MANUFACTURE OF LETTERS, SYMBOLS, DESIGNS AND PATTERNS FROM METAL OR PLASTIC FOIL.

Applicants & Inventors : DATTA TRAYA JOSHI, M-149, E-7, ARERA COLONY, BHOPAL, STATE OF MADHYA PRADESH, INDIA and PRADEEP DIXIT OF M-148, E-7, ARERA COLONY, BHOPAL, STATE OF MADHYA PRADESH, INDIA.

Application No. 310/BOM/1978, filed October 21, 1978.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Bombay Branch.

6 Claims

A process for the manufacture of letters, symbols, designs and patterns from metal or plastic foil as herein described comprising the coating on one surface of the foil with a non-corrodable material such as herein described of predetermined thickness and printing the letters, symbols, designs or patterns of predetermined thickness on the other side of the said foil also with the non-corrodable material; corroding as herein described the uncoated portion of the said foil and obtaining the letters, symbols, designs or patterns by dissolving and washing away the non-corrodable material in a solvent.

Comp. Specn.—9 pages

Drg.—1 sheet.

CLASS : 63 B.	148808	CLASS : 40 A2 + 77 C.	148810		
Int. Cl. : H 02 K 1/00.		Int. Cl. : C 07 b 1/00, C 11 c 3/12.			
A METHOD FOR THE MANUFACTURE OF A FLAT ROTOR FOR USE IN A FLAT ELECTRIC MOTOR AND A FLAT ROTOR MANUFACTURED THEREBY.					
<i>Applicant</i> : TATA ENGINEERING AND LOCOMOTIVE COMPANY LIMITED OF BOMBAY HOUSE, 24 HOMI MODY STREET, BOMBAY-400 023, MAHARASHTRA, INDIA.					
<i>Inventor</i> : (1) SHARADCHANDRA LAKSHMANRAO PAVNASKAR.					
Application No. 338/BOM/1978, filed November 24, 1978.					
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Bombay Branch.					
10 Claims					
A method for the manufacture of a flat rotor for use in a flat electric motor comprising :—					
(i) bonding conducting material foils on both sides of a non-conducting and non-magnetic material sheet of the required dimensions by a resin;					
(ii) plating the conducting material foils with one or more conducting materials by electrolysis;					
(iii) printing and etching a pattern of radial conductors on the plated foils; and					
(iv) drilling holes through the conductor ends and an axial opening through the said sheet.					
Comp. Specn.—7 pages	Drg.—3 sheets.				
CLASS : 179 G	148809				
Int. Cl. : B 65 d 41/00.					
A PILFER PROOF CAP MADE OF PLASTICS OR THE LIKE MATERIAL.					
<i>Applicant</i> : FREDERICK MICHAEL D'SOUZA, 3-Y.M.C. ROAD, BOMBAY-400 008, MAHARASHTRA, BOMBAY.					
<i>Inventor</i> : FREDERICK MICHAEL D'SOUZA.					
Application No. 345/BOM/1978, filed December 6, 1978.					
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Bombay Branch.					
4 Claims					
A pilfer proof cap made of plastics or the like material is provided comprising a stopper consisting of disc having integral therewith a plug member adapted to be press fitted into the mouth of the vial or short necked bottle the rim of said disc projecting over said rim of the mouth of said vial or said short necked bottle, the said rim having integral therewith a skirt member projecting over the rim of the said mouth of the said vial or short necked bottle; the said skirt member having integral with a shoulder member projected over the neck and the shoulder of said vial or bottle; said shoulder member being provided on the inside with a circumferential rib holding the said shoulder member below the rim of said vial or short necked bottle and a further circumferential rib hugging the shoulder of said vial or short necked bottle, the said skirt member being provided with an integral tongue and being moulded such that the said skirt member can be torn off circumferentially at its connection between the said disc and the said shoulder member.					
Comp. Specn.—6 pages	Drg.—1 sheet.				
13 Claims					
A process for the selective hydrogenation of a poly-unsaturated organic compound like a poly unsaturated fatty acid, salt or ester containing more than one double bond between carbon atoms with hydrogen in the presence of a catalyst such as a catalytically active metal of group VIII or alloys thereof of the periodic system of the elements, optionally being promoted by a metal from another group of said system as herein described characterized in that the said catalyst being treated with at least one water soluble basic compound as herein described of the general formula AX wherein :—					
A is either R ₁ R ₂ R ₃ R ₄ N; R ₁ R ₂ R ₃ and R ₄ each being an alkyl, cycloalkyl, aryl or a alkyl group with 1 to 20 carbon atoms and which may be optionally substituted, or an element of group I excluding 'H' or II of the periodic system, or ammonium, and					
X is hydroxyl, an anion of a weak acid or RO ⁻ , in which R is an alkyl group.					
Comp. Specn.—39 pages	No Drawings				
CLASS : 49 H	148811				
Int. Cl. : A 47 j 27/00.					
IMPROVEMENTS IN OR RELATING TO PRESSURE COOKERS AND PARTICULARLY TO LOCKING MEANS BETWEEN THE HANDLE BAR ON THE COVER AND THE HANDLE ON THE VESSEL.					
<i>Applicants</i> : PRESSURE COOKERS & APPLIANCES LTD., UNITED INDIA BUILDING, P. M. ROAD, BOMBAY-400 001, MAHARASHTRA, INDIA.					
<i>Inventors</i> : HARI DUTT VASUDEVA.					
Application No. 365/BOM/1978, filed December 20, 1978.					
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch Bombay.					
11 Claims					
A pressure cooker of the type comprising a vessel, a cover or lid for sealingly fitting the same into the mouth or top opening of the vessel, a handle bar provided with the said cover, a safety valve passing through the cover, a handle provided with the vessel and locking means between said handle bar and the said handle characterized in that the said locking means comprises a spring loaded catch fitted at the end of the handle, said catch projecting from the handle and engaging with a co-operating locking device fitted at the end of the handle bar and provided with means for manually operating the catch to release the locking device from the catch.					
Comp. Specn.—10 pages	Drg.—2 sheets.				

CLASS : 57 D.

148812

Int. Cl. : E05 f 3/00.

DOOR CLOSERS.

Applicant : HARIDAS GANGDAS PATEL, 3, SHREE NIVAS COLONY, SHREE KRUSEN NIKEETAN, SUMAR CALB ROAD, JAMNAGAR, GUJARAT, INDIA.

Application No. 74/BOM/1979, filed March 12, 1979.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Bombay Branch.

3 Claims

1. A door closer comprising a body for mounting on the door, the said body being closed at one end to form an oil chamber and fitted with a laterally disposed air chamber for adjustment of pressure, characterised in that there is provided a piston rod having a piston at one end and a helix at the other end, side piston having an oil passage, equipped with a valve, and said helix being engaged with corresponding groove(s) formed within a sleeve, fitted at the other open end of the said body; a compression spring surrounding the said piston rod between the said piston and the said sleeve; and a cap provided at one end of first lever arm being fitted to the said other end of the piston rod, protruding out of the body the said first lever arm being pivotally connected at its other end to a second lever arm meant for mounting on the door frame, the arrangement being such that with angular movement of the piston rod in one direction, in relation to the said sleeve, caused by angular movement of the said first lever arm, the piston rod is caused to be moved axially in one direction in relation to the said sleeve by compressing the said compression spring, while due to the expansion of the said spring in the event of the same being released from its compressed state, the said piston rod is caused to be moved axially, in relation to the said sleeve, in the opposite direction to have an angular movement in the opposite direction with simultaneous and similar angular movement of the said first lever arm, and during such movement of the piston rod the said piston is caused to be axially moved within the said oil chamber to define an upper chamber above the upper surface of the piston and a lower chamber below the bottom surface of the piston with controlled oil displacement in-between the said upper and lower chambers through the said valve equipped oil passage in the piston.

Comp. Specn.—9 pages

Drg.—6 sheets.

CLASS : 97 H.

148813

Int. Cl. : H05 b 3/06.

A SANDWICH TYPE ELECTRIC HEATER FOR HEATING DIES IN FORGING INDUSTRY.

Applicants : TATA ENGINEERING & LOCOMOTIVE COMPANY LIMITED OF BOMBAY HOUSE, 24, HOMI MODY STREET, BOMBAY-400 023, MAHARASHTRA, INDIA.

Inventors : 1. HARI OM PRAKASH SRIVASTAVA AND 2. LALITESHWAR PRASAD KARN.

Application No. 148/BOM/1979, filed May 24, 1979

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Bombay Branch.

9 Claims

1. A sandwich type electric heater for heating dies in forging industry comprising a trolley, a pair of guides rigidly mounted on the trolley a frame having a plurality of heating elements provided therein horizontally and being slidably mounted in the guides and a control panel mounted on the frame and being connected to the heating elements.

Comp. Specn.—7 pages.

Drg.—2 sheets.

CLASS : 32 E + 32 F 3C.

148814

Int. Cl. : C 08 g—1/02.

"PROCESS FOR THE MANUFACTURE OF PURE PARAFORMALDEHYDE."

Applicants : KONKAN CHEMICALS PRIVATE LIMITED of GA-1, COURT CHAMBERS, 35 NEW MARINE LINES, BOMBAY-400 020, MAHARASHTRA, INDIA.

Inventors : 1. NARENDRA KUMAR NARSHIRAM MANEK,
2. NAROTTAM DAMODAR BHATT.

Application No. 210/BOM/1979, filed July 24, 1979.

Ante-dated to 6th December, 1977 (Divisional of 427/BOM/76 dated 6-12-76).

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Bombay Branch.

2 Claims

A continuous process for the manufacture of high purity Paraformaldehyde of the general formula $\text{OH}(\text{CH}_2\text{O})^n\text{H}$ in which 'n' represents the number of units of HCHO which is from 8—100 from aqueous formaldehyde comprising concentrating aqueous formaldehyde of 20—45% strength to 60—80% strength by means of thin film evaporation having a vacuum equivalent of 400 to 460 mm Hg. absolute pressure and internal temperature between 85° to 95°C heated by steam in external jackets as herein described; the concentrated formaldehyde thereafter being fed into one or more rotary vacuum driers equipped with rollers, wherein the concentrated formaldehyde is polymerised essentially in the presence of a catalyst as herein described for a duration of 1 to 4 hours maintaining the temperature between 85° to 105°C. at atmospheric pressure according to the concentration of formaldehyde so as to result in granular paraformaldehyde of 90% to 98% purity.

Comp. Specn.—17 Pages.

Drg.—N/A.

CLASS : 129G.

148815

Int. Cl. : B23b 29/12.

A DEVICE FOR FASTENING A CUTTING PLATE ON A TOOL HOLDER.

Applicants : IMPERO S.p.A. OF VIA RIGLIO 12-29100 PLACENZA, ITALY.

Inventor : PIETRO GUGLIELMETTI.

Application No. 871/Cal/77, filed June 10, 1977.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Calcutta.

5 Claims

A device for fastening a cutting plate on a tool holder, the holder comprising a plate housing having a base surface and at least one side surface intended for abutment of corresponding surfaces of the cutting plate, said device comprising a seat extending through the body of the tool holder from said base surface and having a wall which forms an acute angle with said base surface and intersects the plane comprising said side surface, and a member housed within said seat and having a convex surface resting against said wall, said member carrying at a first end a pin emerging from said seat at said base surface of the plate housing so as to engage a bore of the plate and having a second end engaging a threaded dowel, which is screwed in the tool holder for moving said member in said seat.

Comp. Specn.—7 Pages.

Drg.—1 sheet.

CLASS : 32 E.

148816

Int. Cls. : CO 8.F. 3/20, 11/00.

"A PROCESS FOR THE PREPARATION OF CHLORINATED POLYMERS FROM SOLUTION."

Applicants : IMPERIAL CHEMICAL INDUSTRIES LIMITED, U.K.

Inventors : JOHN CHRISTOPHER PADGET.

Application No. 653/DEL/78, filed September 04, 1978.

Convention date November 28, 1977, (49344/77) U.K.

Addition to Patent No. 167/DEL/77, dated July 26, 1977.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Municipal Market, 3rd Floor, Saraswati Marg, Karol Bagh, New Delhi-110 005.

11 Claims

A process for the preparation of a chlorinated aliphatic polymer wherein a solution of a chlorinated aliphatic polymer as herein defined in a chlorinated hydrocarbon solvent such as herein described is treated with steam or hot water thereby separating a chlorinated polymer in solid form, the treatment with steam or hot water being carried out in the presence of less than 50% by weight (based on the weight of chlorinated polymer) of an ethoxylate of a primary aliphatic alcohol having at least 8 carbon atoms, the said ethoxylate being compatible with the chlorinated polymer in the proportions employed.

Comp. Specn.—13 Pages.

CLASS : 116B, 9BG, 143D.

148817

Int. Cls. : B65b-35/50., B65g-1/14., F28f-3/08.

"IMPROVEMENTS IN OR RELATING TO REGENERATIVE HEAT EXCHANGER UNITS."

Applicants : LARS WIKING.

Inventors : HAKAN WIKING, BO JOHNSON.

Application No. 658/DEL/78, filed September, 7, 1978.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Municipal Market, Saraswati Marg, Karol Bagh, New Delhi-110 005.

11 Claims

A heat exchanger unit comprising a plurality of mutually abutting rectangular plates, each of said plates being so profiled that when assembled together they form between two mutually parallel surfaces of the unit passages through which a heat exchanging medium can flow, said unit further comprising means for keeping the plates of said unit held together, and means for lifting said unit, characterised in that said means for keeping the plates together comprises a plurality of tension rods each of which extends through associated holes in respective plates, said rods being parallel to one another, said holes having substantially the same size and shape as the cross-section of an associated tension rod; in that each rod has at its extremities rigid stop means arranged to coact with the outer plates of the unit in a manner such as to hold the plates pressed against each other; and in that a plurality of lifting eyes are arranged on one or more of the tension rods.

Comp. Specn.—15 Pages.

Drg.—3 Sheets.

CLASS : 101F.

148818

Int. Cl. : F02b—9/08, F03b-13/12.

"A SYSTEM FOR CONCENTRATING WATER WAVE ENERGY."

Applicants : SENTRALINSTITUTT FOR INDUSTRIELLI FORSKNING,

Inventor : EVEN MEHKUM.

Application No. 661/DEL/78, filed September, 7, 1978.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Municipal Market, Saraswati Marg, Karol Bagh, New Delhi-110 005.

11 Claims

A system for concentrating sea wave energy, characterized by an off-shore grid-like structure of interacting wave stopping and/or delaying elements, said grid-like structure comprising a series of said elements arranged substantially transversally of a main propagation direction of incident waves, and elements in the central portion of said series of elements having larger dimensions in the longitudinal direction of said series, than elements remote from said central portion, said system in operation with substantially arch-like wave fronts with concentrated wave energy in a common central area off the grid like structure.

Comp. Specn.—25 Pages.

Drg.—10 Sheets.

CLASS : 171, 146D-3.

148819

Int. Cl. : G02b-3/10, G02c-7/06.

"A BICENTRIC LENS."

Applicants : BIMAL MEHRA.

Inventors : ADEM.

Application No. 665/DEL/78, filed on 11th September, 1978.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Municipal Market, Saraswati Marg, Karol Bagh, New Delhi-110 005.

14 Claims

A process for the manufacture of a bicentric lens having a step or dividing lines extending from temporal to the nasal extremities of the lens, said lens having a distance vision part and a near vision formed by said dividing line which comprises in prismatically grinding and polishing the outer surface of at least one of said parts to form said dividing line, grinding and polishing the inner surface of said lens, said grinding steps being effected so that the optical centres for the near and distance vision part coincide with their respective vision points, when the lens is properly held to a frame, said steps being carried out in any sequential order.

Comp. Specn.—14 Pages.

Drg.—1 Sheet.

CLASS : 129B.

148820

Int. Cls. : B 21 C 37/04.

"THE MANUFACTURE OF ELONGATED BODIES OF HARD OR SEMI-HARD CARBON STEEL AND THE ELONGATED BODIES AND WIRES THUS PRODUCED".

Applicants : SODETAL, SOCIETE POUR LE DEVELOPPEMENT DU FIL METALLIQUE.

Inventors : LIONEL MIFFREDY, LUC PEETERS, MAURICE THEOLLER.

Application No. 666/DEL/78, filed September 11, 1978.

Convention date March 9, 1978./ (476/78) Ireland.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Municipal Market, Saraswati Marg, Karol Bagh, New Delhi-110 005.

11 Claims

Process for the manufacture of an elongated body of hard or semi-hard carbon steel as hereinbefore defined, which comprises subjecting a body of such steel at ambient tempe-

rature, to a first drawing operation essentially up to the limit of drawability, then heat-treating the body at a temperature lower than the globulisation temperature of cementite so as to give the body further drawability, cooling the heat treated body to ambient temperature, and then subjecting the said body at ambient temperature to a second drawing operation.

Comp. Specn.—16 Pages.

CLASS : 187C.

148821

Int. Cl. : H04m—7/14.
H01h—67/26.

"A TELEPHONE EXCHANGE."

Applicants : LE MATERIEL TELEPHONIQUE, FRANCE.

Inventors : PARISI PIETRE, AUGUSTE DANIEL ENGNE.

Application No. 670/DEL/78, filed on 12th September, 1978.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Municipal Market, 3rd Floor, Saraswati Marg, Karol Bagh, New Delhi-110 005.

9 Claims

Telephone exchange in which local subscribers' junctions (ABL) are connected to a crossbar switching set acting as a line selection element (ESL), in said exchange outgoing junctions (CU,CN) are connected to other exchanges of the network by means of originating juncctors (JD1, JD2) and of a crossbar switching set acting as an outgoing group selection element (ESGD) and in which exchange register juncctors (JE) interconnect the said line selection element (ESL) with the said outgoing group selection element (ESGD) under control of a system of registers (UE) constituted of registration units each of which comprises a micro-processor (PC) and interface circuits (PED), are connected by known means characterised in that the said interface circuits of the registration units are connected to said register juncctors (JE) only by means of register finders (CE) and to auxiliary circuits (AUX) only by means of auxiliary finders (CA).

Comp. Specn.—46 Pages.

Drg.—10 Sheets.

CLASS : 23B, 143D-1.

148822

Int. Cl. : A24f-27/02.

"AN IMPROVED MATCH BOX".

Applicants : DAVENDRA NATH BHEL, 2-A, SUJAN SINGH PARK, NEW DELHI-110 003.

Inventors : IDEM.

Application No. 672/DEL/78, filed on 13th September, 1978.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Municipal Market, Saraswati Marg, Karol Bagh, New Delhi-110 005.

3 Claims

A match box having a hollow rectangular shell open at both ends and an open topped drawer adapted to be pushed into and retained by the shell characterised in that the space inside the drawer is divided by a partition wall provided therein into two chambers of two different shapes and sizes the bigger chamber being adapted to hold match sticks longer than match sticks of standard size and the smaller chamber adapted to hold match sticks of the standard size or of lengths less than the standard size.

Comp. Specn.—4 Pages.

Drg.—1 Sheet.

OPPOSITION PROCEEDINGS

An opposition has been entered by Director General, Research, Designs and Standard Organisation, Ministry of Railways to the grant of a patent on application No. 148040 made by Pandrol Limited.

PATENTS SEALED

141662 142512 142705 143219 144503 146599 147240 147504
147604 147612 147623 147637 147650 147658 147662 147664
147667 147669 147673 147679 147680 147695 147700 147706
147710 147718 147735 147741 147751 147753 147758 147764
147765 147778 147781 147782 147783 147788 147789 147790
147797 147800 147814.

AMENDMENT PROCEEDINGS UNDER SECTION 57

Notice is hereby given that Bayer Aktiengesellschaft of 5090 Leverkusen, Bayerwerk, West Germany, have made an application under section 57 of the Patents Act, 1970 for amendment of application and specification of their application for patent No. 146889 for "A process for the production of chlorothio-N-phthalimide". The amendments are by withdrawing the patent of addition relationship to Indian patent No. 139978. The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-700 017 or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed form 30 within three months from the date of this notification at the Patent Office, Calcutta. If the written statement of opposition is not filed with the notice of opposition it shall be left within one month from the date of filing the said notice.

PATENTS DEEMED TO BE ENDORSED WITH THE WORDS "LICENCES OF RIGHT"

The following patents are deemed to have been endorsed with the words "Licences of right" under Section 87 of the Patents Act, 1970. The dates shown in the crescent brackets are the dates of the patents.

No.	Title of the invention
141010 (14.09.73)	Process for preparing aromatic carboxylic acids.
141279 (14.11.74)	Process for the production of pyrazole derivatives.
141442 (08.01.74)	Process for compressing ketone.
141443 (16.01.74)	Method for the treatment of crude azo pigments.
141617 (22.11.74)	Process for the preparation of 2-acyl-4-oxopyrazino-isooquinolines.
141618 (22.11.74)	Process for the preparation of 2-acyl-4-oxopyrazino-isooquinoline.
141981 (28.04.75)	Process for producing novel penicillins and cephalosporins.
141999 (03.09.74)	A process for the synthesis of sub 3-nitro-4'-amino benzamides.
142178 (24.03.75)	Process for producing titanium tetrachloride.
142273 (24.08.74)	Improvements in or relating to a method for preparing liquid foliar fertilizers.
142275 (22.09.75)	A process for the manufacture of urea formaldehyde resins.
142286 (10.09.75)	Process for preparing novel 1-(substituted benzoyl)-3-(substituted pyrazinyl) ureas.

No.	Title of the Invention
142374 (11.11.74)	Process and apparatus for removing ammonia from gases.
142437 (22.05.75)	Procedure for manufacture of 3, 6 bis (2-methyl mercapto ethyl) 2, 5-piperazindione.
142439 (23.10.75)	Process for recovering ammonia and carbondioxide from water vapour.
142454 (22.04.77)	Method for the production of activated manganese dioxide.

RENEWAL FEES PAID

105461 105682 105744 105795 106238 109783 111035 111043
 111172 111217 111229 111251 112174 112371 113123 113638
 113639 115027 115256 116169 116611 117541 118111 120029
 120979 121217 121527 121600 122007 122145 123503 126718
 126829 126902 126971 127004 127163 130120 130948 131158
 131201 131434 131518 131567 131602 131684 131748 131772
 131840 131939 131940 135139 135150 135878 135941 136108
 136359 136547 136567 136668 137368 137754 137809 137829
 137878 137924 138010 138038 138543 138678 138760 138974
 138992 139093 139231 139343 139383 139405 139579 140010
 140052 140462 140512 140755 140756 141209 141513 141545
 141658 141678 142003 142418 142442 142473 142678 142906
 143107 143134 143230 143365 143425 143450 143896 143993
 144002 144079 144189 144349 144452 144461 144517 144728
 144989 145185 145226 145332 145357 145535 145634 145693
 145903 146066 146181 146256 146406 146437 146803 146880
 146920 147299 147339 147436 147471 147477 147492 147532
 147542 148063 148178.

RESTORATION PROCEEDINGS

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 20th August, 1981 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which the bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(1)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 139913 granted to Bhaja Hari Pauri for an invention relating to "improvements in or relating to rice huller".

The patent ceased on the 9th May, 1980 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 28th March, 1981.

(2)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 144542 granted to Federal Mogul Corporation for an invention relating to "process for making composite bearing material."

The patent ceased on the 24th April, 1980 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 28th March, 1981.

(3)

Notice is hereby given that an application for restoration of Patent No. 119836 dated the 14th February, 1969 made

by Allmanna Svenska Elektriska Aktiebolaget subsequently altered as Asea Aktiebolag and notified in the Gazette of India, Part-III, Section 2 dated the 8th March, 1980 has been allowed and the said Patent restored.

(4)

Notice is hereby given that an application for restoration of Patent No. 119837 dated the 14th February, 1969 made by Allmanna Svenska Elektriska Aktiebolaget subsequently altered as Asea Aktiebolag on the 13th February, 1979 and notified in the Gazette of India, Part-III, Section 2 dated the 8th March, 1980 has been allowed and the said patent restored.

(5)

Notice is hereby given that an application for restoration of Patent No. 140609 dated the 8th January, 1974 made by G. D. Societa Per Azioni formerly known as G. D. Societa In Accomendita Semplice Di Enzo Seragnoli E Ariosta Seragnoli on the 13th November, 1978 and notified in the Gazette of India, Part-III, Section 2 dated the 25th August, 1979 has been allowed and the said patent restored.

(6)

Notice is hereby given that an application for restoration of Patent No. 140850 dated the 25th July, 1973 made by Hickson & Welch Limited on the 21st July, 1978 and notified in the Gazette of India, Part-III, Section 2 dated the 23rd September, 1978 has been allowed and the said patent restored.

(7)

Notice is hereby given that an application for restoration of Patent No. 145897 dated the 1st November, 1976 made by Marvin Adelberg on the 29th July, 1980 and notified in the Gazette of India, Part-III, Section 2 dated the 8th November, 1980 has been allowed and the said patent restored.

Name Index of applicants for Patents for the month of March, 1981 (Nos. 224/Cal/81 to 359/Cal/81, 61/Bom/81 to 86/Bom/81, 39/Mas/81 to 62/Mas/81 and 119/Del/81 to 183/Del/81).

Name Appln. No.

—A—

Acrow Limited.—356/Cal/81

Accurate Controls Limited.—182/Del/81.

Ahmedabad Textile Industry's Research Association.—70/Bom/81.

Airwick, A. G.—240/Cal/81.

Alan Cobham Engineering Limited.—309/Cal/81.

Alimanikfan, M. M.—41/Mas/81.

Alumax Inc.—274/Cal/81.

American Can Company.—278/Cal/81, 279/Cal/81.

American Cyanamid Company.—268/Cal/81, 269/Cal/81.

Austroplan Österreichische Planungsgesellschaft.—183/Del/81.

—B—

BASF Aktienzesellschaft.—313/Cal/81.

Banerjee, A. K.—302/Cal/81.

Barehtha, V. V.—348/Cal/81, 349/Cal/81.

Barr & Stroud Limited.—239/Cal/81, 341/Cal/81.

Beheermaatschappij H. D. Groeneweld B. V.—244/Cal/81.

Beloit Corporation.—253/Cal/81.

Berger, J. (Josef).—264/Cal/81.

Berger, J. (Johann).—264/Cal/81.

Bhosle, P. M. (Mrs.).—84/Bom/81.

—C—

CPC International Inc.—132/Del/81, 154/Del/81, 167/Del/81.

Carborundum Universal Ltd.—53/Mas/81.

*Name**Appln. No.*

—C (Contd.)—

Cartier Corporation.—170/Del/81.
 Cassella Aktiengesellschaft.—251/Cal/81.
 Chaugule, P. J.—86/Bom/81.
 Chauhan, K. K.—174/Del/81.
 Chitrakar, S. (Mrs.).—58/Mas/81.
 Chloride India Limited.—228/Cal/81.
 Chou, T. W. (Tzu-Wen).—353 Cal/81.
 Coc-Luxembourg, S. A.—266/Cal/81.
 Combustion Engineering, Inc.—265/Cal/81, 345/Cal/81.
 Compagnie De Construction Mecanique Sulzer.—141/Del/81.
 Cosmopolitan Textile Company Limited.—287/Cal/81.
 Council Of Scientific and Industrial Research.—123/Del/81,
 175/Del/81, 176/Del/81, 177/Del/81, 184/Del/81,
 185/Del/81.

—D—

Dr. C. Otto & Comp. GMBH.—283/Cal/81, 284/Cal/81,
 285/Cal/81.
 Damm, S.—262/Cal/81.
 Dana Corporation.—308/Cal/81.
 Das, S.—252/Cal/81.
 Das Gupta, S. P.—302/Cal/81.
 Datta, R.—297/Cal/81.
 De Beers Industrial Diamond Division (Proprietary) Ltd.—
 165/Del/81.
 Desai, M. H.—81/Bom/81.
 Diehi, W.—156/Del/81.
 Direct Reduction Corporation, The.—151/Del/81.
 Door-Oliver Inc.—149/Del/81.
 Dunlop Limited.—120/Del/81.
 Dynamit Nobel Aktiengesellschaft.—322/Cal/81.

—E—

E. I. Du Pont De Nemours and Company.—247/Cal/81.
 Esco Corporation.—142/Del/81.
 Euteco Impianti S.p.A.—316/Cal/81.
 Eutectic Corporation.—224/Cal/81, 225/Cal/81.

—F—

F. Hoffmann-La Roche & Co. Aktiengesellschaft.—317/
 Cal/81.
 Federal-Mogul Corporation.—138/Del/81.
 Fertilizer (Planning & Development) India Limited, The.—
 249/Cal/81.
 Fiat Auto S.p.A.—315/Cal/81.
 Furma Manufacturing Co. Pvt. Ltd.—254/Cal/81.

—G—

G. D. Societa Per Azioni.—140/Del/81.
 GKN Transmissions Limited.—153/Del/81.
 Gandhi, R. M.—80/Bom/81.
 General Electric Company.—340/Cal/81.
 General Electric Company, Limited, The.—145/Del/81.
 George, P. V.—42/Mas/81.
 Georgia Tech. Research Institute.—139/Del/81.
 Gerin, H.—350/Cal/81.
 Gestetner Manufacturing Limited.—122/Del/81.
 Gewerkschaft Eisenhutte Westfalia.—256/Cal/81.
 Goppold, A.—68/Bom/81.

*Name**Appln. No.*

—G (Contd.)—

Gosudarstvenny Nauchno-Issledovatelsky Energetichesky
 Institut Imeni G. M. Krashzhanovskogo.—286/Cal/81.
 Gould Inc.—303/Cal/81.
 Gulhae, V. N.—82/Bom/81.
 Gustafson, Inc.—314/Cal/81.

—H—

Hercofina.—260/Cal/81, 277/Cal/81, 357/Cal/81.
 Hermann Hemscheidt Maschinenfabrik GMBH & Co.—276/
 Cal/81.
 Hindustan Lever Limited.—73/Bom/81, 74. Bom/81.
 Hitachi Ltd.—238/Cal/81.
 Hoechst Aktiengesellschaft.—235/Cal/81, 236/Cal/81, 237/
 Cal/81, 273/Cal/81, 295/Cal/81.

—I—

I. S. C. Smelting Limited.—305/Cal/81.
 Imperial Chemical Industrial Limited.—166/Del/81, 168/
 Del/81, 172/Del/81, 180/Del/81.
 Indian Institute of Technology.—62/Mas/81, 127/Del/81,
 128/Del/81, 129/Del/81, 135/Del/81, 136/Del/81,
 137/Del/81, 159/Del/81.
 Indian Jute Industries' Research Association.—296/Cal/81.
 Indo-Japanese Industrial Enterprises (Pvt.) Ltd.—43/Mas/81.
 Industrie Chemie Thoma GMBH & Co.—324/Cal/81.
 Institute Po Obleklo I Textil.—358/Cal/81.
 Institut Teplo I Massoobmena Imeni A. V. Lykov Akademii
 Nauk Belorusskoj SSR.—310/Cal/81.
 International Computers Limited.—133/Del/81.
 International Container System Incorporated.—152/Del/81.
 Italtel Societa Italiana Telecommunicazioni S.p.A.—231/Cal/
 81, 232/Cal/81, 335/Cal/81, 346/Cal/81.
 Iyer, H. R.—54/Mas/81.

—J—

Jyoti Limited.—67/Bom/81.

—K—

Kabel-Und Metallwerke Gutchoffnungshutte Aktiengesells-
 chaft.—282/Cal/81.
 Kalbag, S. S.—76/Bom/81.
 Kandaswami, N. C.—51/Mas/81.
 Kombinat Urzadzen Mechanicznych "Bumar-Labedy".—318/
 Cal/81, 319/Cal/81.
 Koorevaar, A.—312/Cal/81.
 Krupp Polysius Aktiengesellschaft.—164/Del/81.
 Kurimoto Iron Works Ltd.—298/Cal/81.

—L—

Legueu, P.—250/Cal/81.
 Lenza Ltd.—271/Cal/81.
 Lotikar, S. D.—71/Bom/81.
 Lucas Industries Limited.—307/Cal/81.

—M—

M. P. Traders and manufacturers.—59/Mas/81, 60/Mas/81.
 Marathon Oil Company.—181/Del/81.
 Maschinensabrik Rieter A. G.—343/Cal/81, 344/Cal/81.
 Martin, S.—85/Bom/81.
 Masternet Limited.—299/Cal/81.
 Mehra, B.—161/Del/81, 162/Del/81.
 Metal Box Limited.—321/Cal/81.
 Metallgesellschaft, A. G.—290/Cal/81.
 Minsky Zavod Gipsa I Gipsovikh Stroitelei.—310/Cal/81.
 Mitsui Toatsu Chemicals, Inc.—242/Cal/81, 323/Cal/81.

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—M (Contd.)—	

Monsanto Company.—292/Cal/81, 293/Cal/81, 301/Cal/81.
Mukherjee, N.—320/Cal/81.
Mukherjee, S. K.—320/Cal/81.
Muralidharan, P. N.—47/Mas/81.

—N—

Nagarajan, N.—61/Mas/81.
Narain, G. V.—39/Mas/81.
Natarajan, G. V.—49/Mas/81.
Nazir, C. P.—245/Cal/81.
New York University.—288 Cal/81.
Nippon Steel Corporation.—169/Del/81.
Nirlon Synthetic Fibres & Chemicals Limited.—64/Bom/81.
Norsk Hydro, A. S.—150 Del/81.

—O—

Ogden Electronics Ltd.—300/Cal/81.

—P—

Pandit, S. D.—61/Bom/81.
Parab, C. A.—63/Bom/81.
Parlour, H. W.—144/Del/81.
Patel, B. S.—65/Bom/81.
Pfizer Inc.—130/Del/81.
Pittsburg & Midway Coal Mining Company, The.—351/Cal/81, 352/Cal/81.
Precision Mechanical Developments Limited.—171/Del/81.
Proizvodstvennoe Geologicheskoe Obiedinenie Severo-Zapadnykh Raionov "Sezapgeologii".—339/Cal/81.
Proizvodstvennoe Geologicheskoe Obiedinenie Tsentralnykh Raionov "Tsentrgeologiya".—339/Cal/81.

—R—

Rajan, A. V. S.—47/Mas/81.
Ramachandran, C. S.—52/Mas/81.
Ramasamy, S. P.—45/Mas/81, 46/Mas/81.
Rangaswamy, D. R.—39/Mas/81.
Rao, K. R.—55/Mas/81.
Rao, T. S.—55/Mas/81, 57/Mas/81.
Rathi, T. R.—66/Bom/81.
Ravjee, S. A.—69/Bom/81.
Redifon Telecommunications Limited.—338/Cal/81.
Roy, D. K. (Dr.).—347/Cal/81.
Roy, M.—48/Mas/81.
Rup, G. S.—158/Del/81.

—S—

Saha, U.—347/Cal/81.
Sain, N.—320/Cal/81.
Sambamurthy, Y.—55/Mas/81, 56/Mas/81, 57/Mas/81.
Sandvik Aktiebolag.—329/Cal/81.
Sanofi.—173/Del/81.
Saraswati Industrial Syndicate Ltd.—146/Del/81, 147/Del/81.
Sciaky Bros., Inc.—230/Cal/81.
Scooters India Limited.—124/Del/81, 125/Del/81, 163/Del/81.
Sealed Power Corporation.—330/Cal/81.
Seiko Giken Kabushiki Kaisha.—342/Cal/81.
Shah, K. D.—77/Bom/81.
Shankar, G. B.—54/Mas/81.
Sheepbridge Equipment Limited.—143/Del/81.
Shell Internationale Research Maatschappij B. V.—331/Cal/81.
Shetty, S. M.—72/Bom/81, 75/Bom/81.

Name	Appln. No.
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—S (Contd.)—

Siemens Aktiengesellschaft.—257/Cal/81, 328/Cal/81, 359/Cal/81.
Singh, R.—294/Cal/81.
Sinha, B.—336/Cal/81.
Sinter Limited.—243/Cal/81.
Smith Kline and French Laboratories Limited.—178/Del/81.
Snampoggetti S.p.A.—275/Cal/81.
Snia Viscosa Societa Nazionale Industria Applicazioni Viscosa S.p.A.—291/Cal/81.
Societa Pneumatici Pirelli.—126/Del/81.
Societe Alsacienne De Constructions Mecaniques De Mulhouse.—272/Cal/81.
Societe Anonyme Dite : Societe Nationale Industrielle Aerospatiale.—270/Cal/81.
Societe D'Etudes De Machines Thermiques S.E.M.T.—148/Del/81.
Solco Basel AG.—179/Del/81.
Sperry Corporation.—255/Cal/81, 258/Cal/81, 267/Cal/81.
Stafford Rubber Company Limited.—134/Del/81.
Stamicarbon, B. V.—229/Cal/81, 332/Cal/81, 333/Cal/81, 334/Cal/81, 354/Cal/81.
Stanadyne, Inc.—227/Cal/81.
Stauffer Chemical Company.—259/Cal/81, 355/Cal/81.
Stone-Platt Fluidfire Limited.—234/Cal/81.
Stopinc Aktiengesellschaft.—311/Cal/81.
Storage Technology Corporation.—280/Cal/81.
Subramonium, J. P.—44/Mas/81.
Sumitomo Chemical Company Limited.—241/Cal/81.
Sumitomo Metal Industries, Ltd.—263/Cal/81.

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Talwar, G. P. (Dr.).—157/Del/81.
Tegral Technology Limited.—289/Cal/81.
Tesa, S. A.—119/Del/81.
Thaikattil, J. (Dr.).—40/Mas/81.
Thames Television Ltd.—338/Cal/81.
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Toyo Engineering Corporation.—242/Cal/81, 323/Cal/81.
Tractel Tirfor India Private Limited.—261/Cal/81.
Trutzschler GmbH & Co. KG.—248/Cal/81.
Tzeng, H.-J. (Huann-Jang).—353/Cal/81.

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Udaras Na Gaeltachta.—337/Cal/81.
Uddin, S. F.—131/Del/81.
Union Carbide Corporation.—233/Cal/81.
United Technologies Corporation.—226/Cal/81.

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Vaidya, M. N.—78/Bom/81.
Voest-Alpine Aktiengesellschaft.—155/Del/81.
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Watve, M. G.—79/Bom/81.
Wellcome Foundation Limited, The.—306/Cal/81.
Westinghouse Electric Corporation.—246/Cal/81, 304/Cal/81, 325/Cal/81, 326/Cal/81, 327/Cal/81.
Widia (India) Ltd.—50/Mas/81.
Winsome Trading Company.—281/Cal/81.

—Y—

Yarway Corporation.—160/Del/81.

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Zaverbhai, C. P.—62/Bom/81.

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